

EMC Department**Test Of: Red-M (Communications) Ltd.
3000AS Wireless Internet Server****with Access Server External Aerial (3000-501)****To: F.C.C. Part 15: 1998 Subpart C (Intentional Radiators). Section 15.247**

Appendix 4. Graphical Test Results (Part 1c)

This appendix contains the following graphs:

Graph Reference Number	Title
GPH41715ETF04\011	Radiated Emissions, Receive only, (4 GHz to 6 GHz) Section 15.247 (c)
GPH41715ETF04\012	Radiated Emissions, Receive only, (6 GHz to 8 GHz) Section 15.247 (c)
GPH41715ETF04\013	Radiated Emissions, Receive only, (8 GHz to 12 GHz) Section 15.247 (c)
GPH41715ETF04\014	Radiated Emissions, Receive only, (12 GHz to 18 GHz) Section 15.247 (c)
GPH41715ETF04\015	Radiated Emissions, Receive only, (18 GHz to 26 GHz) Section 15.247 (c)
GPH41715ETF04\016	Radiated Emissions, Receive only, (2 GHz to 4 GHz) Section 15.247 (c)
GPH41715ETF04\017	Radiated Emissions, Receive only, (1 GHz to 2 GHz) Section 15.247 (c)

RADIO FREQUENCY INVESTIGATION LTD.

TEST REPORT

Graphical Test Results

S.No. RFI/EMCB1/RP41715C

Issue Date: 28 February 2001

EMC Department

Test Of: Red-M (Communications) Ltd.

3000AS Wireless Internet Server

with Access Server External Aerial (3000-501)

To: F.C.C. Part 15: 1998 Subpart C (Intentional Radiators). Section 15.247

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Date 06.Dec.'00 Time 11:00:31

Ref.Lvl Marker

87.00 dBuV

49.04 dBuV

4.5488 GHz

Res.Bw

1.0 MHz [3dB]

Vid.Bw

1 MHz

CF.Stp

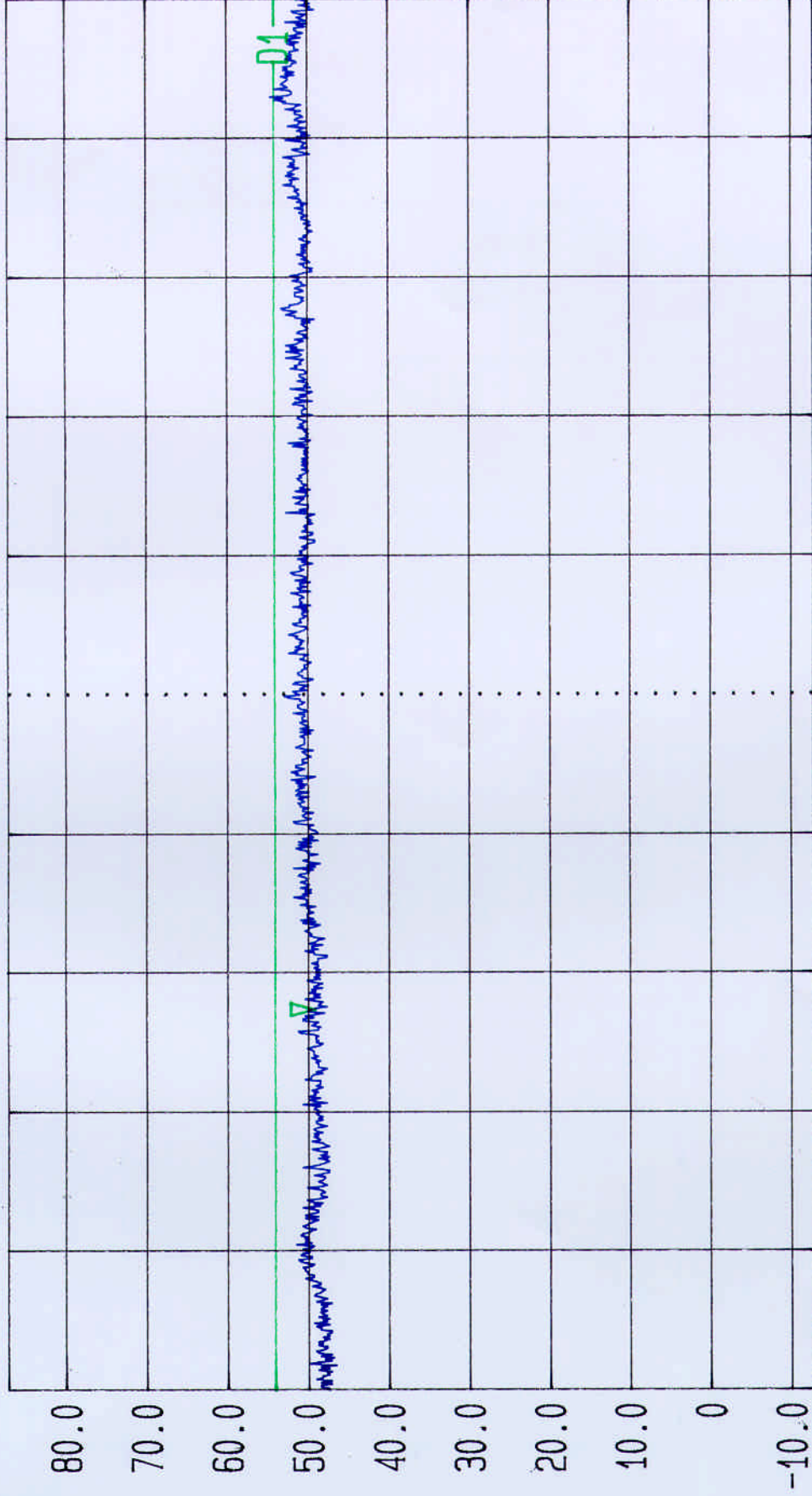
200.000 MHz

RF:Att

0 dB

Unit

[dBuV]



TT
3

Tested by RFI for RED M.
Spec: FCC Part 15.109

EUT: 3000AS
Opcond: Receive Only.

GPH: 41715/04/04/011
ENG: PG



Date 06.Dec.'00 Time 11:05:25

Ref.Lvl

87.00 dBuV

Marker

44.29 dBuV

6.5488 GHz

Res.Bw 100.0 kHz [3dB]

Vid.Bw

100 kHz

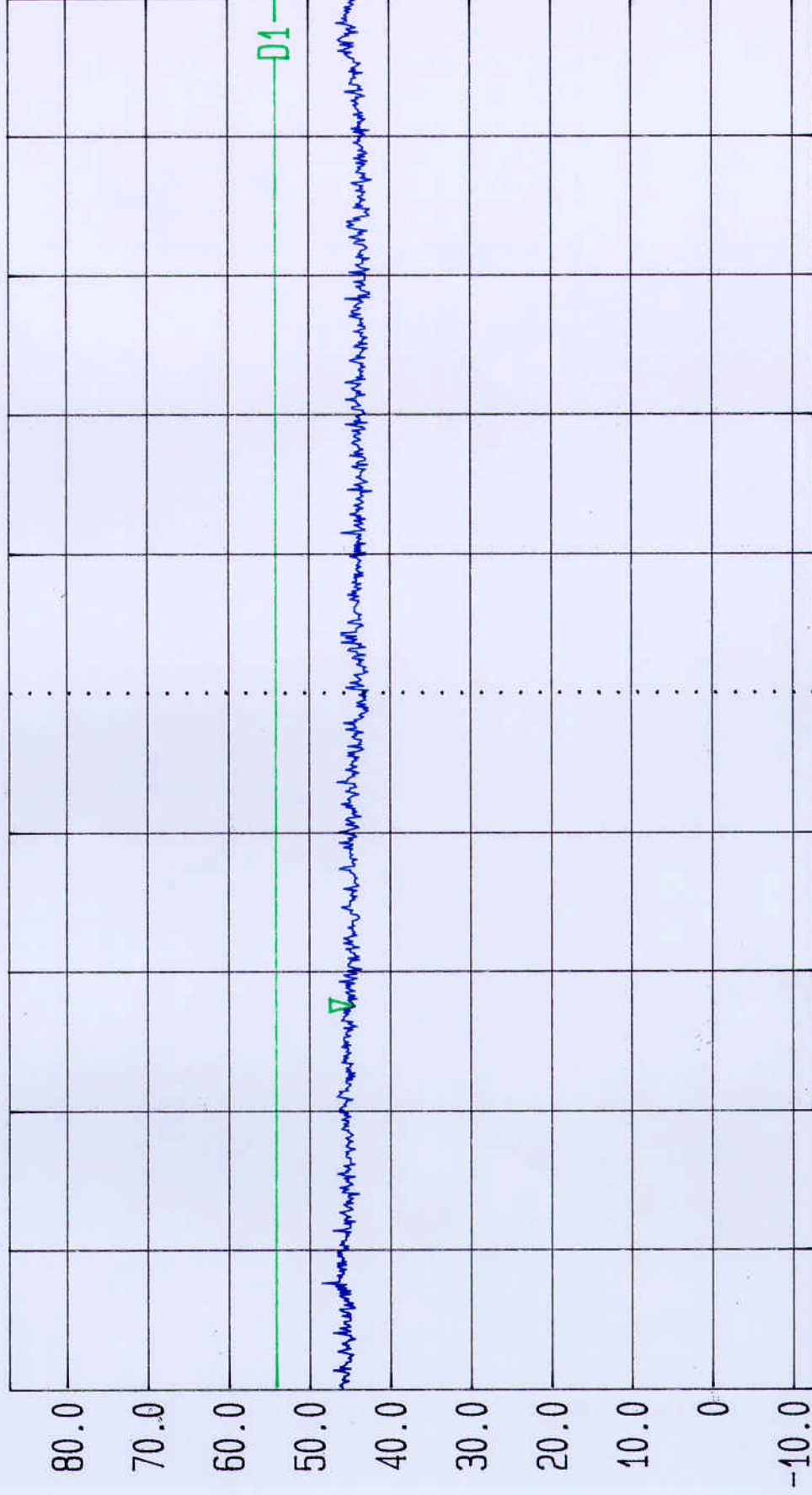
CF.Stp 200.000 MHz

RF.Att

0 dB

Unit

[dBuV]



Start
6 GHz

Span
2 GHz

Center
7 GHz

Sweep
600 ms

Stop
8 GHz

Tested by RFI for RED M.
Spec: FCC Part 15.109

EUT: 3000AS
Opcond: Receive Only.

GPH: 41715/04/04/012
ENG: PG



Date 06.Dec.'00 Time 11:10:24

Ref.Lvl 77.00 dBμV

Marker

44.60 dBμV

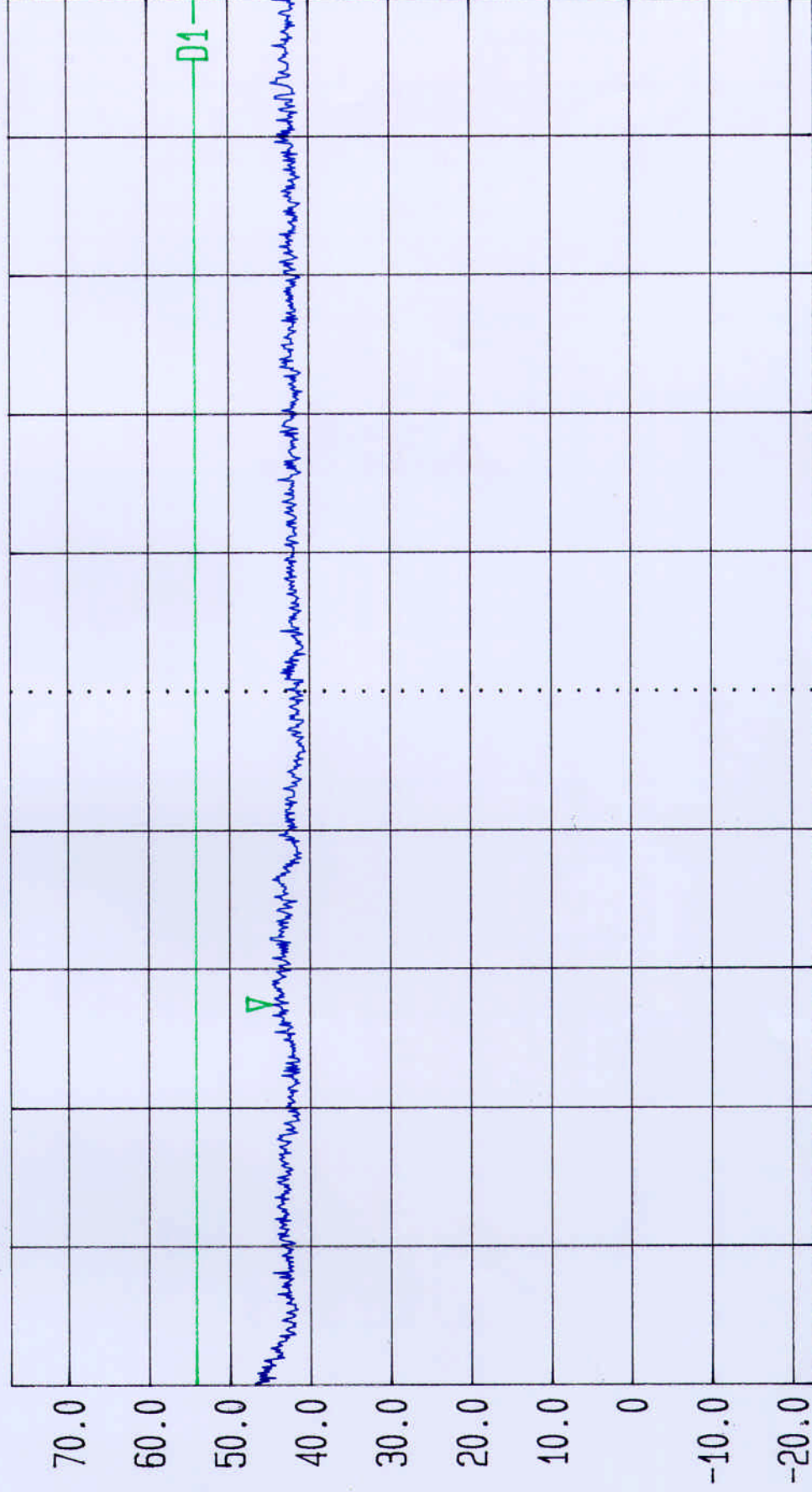
9.0977 GHz

Res.Bw 100.0 kHz [3dB]

Vid.Bw 100 kHz

RF:Att 0 dB

Unit [dBμV]



Tested by RFI for RED M.

Spec: FCC Part 15.109

EUT: 3000AS

Opcond: Receive Only.

GPH: 41715/04/04/013

ENG: PG



Date 06.Dec.'00 Time 11:30:25

Ref.Lvl 77.00 dBμV

Marker 46.48 dBμV

12.0000 GHz

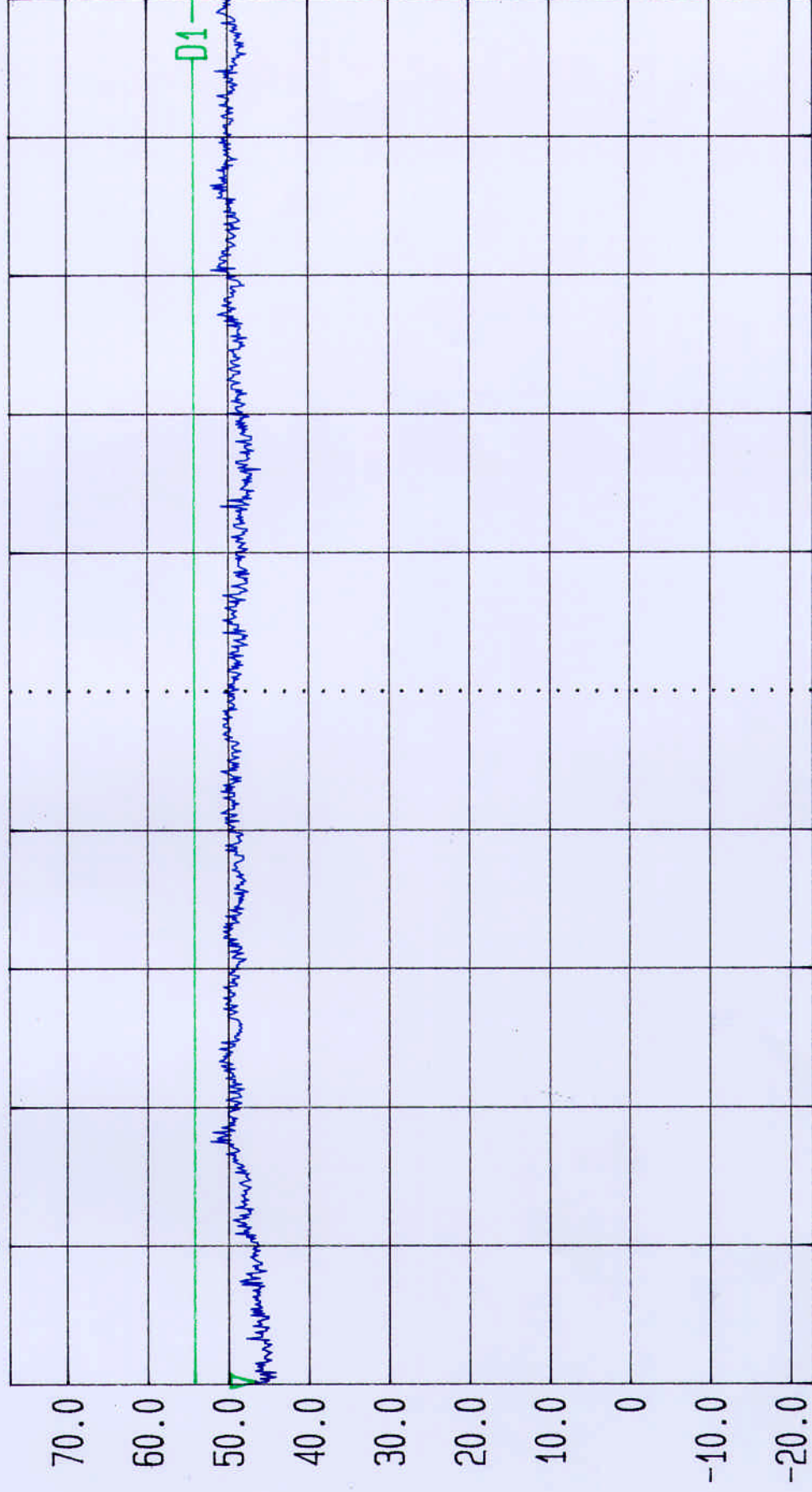
Res.Bw 100.0 kHz [3dB]

Vid.Bw 100 kHz

CF.Stp 600.000 MHz

RF.Att 0 dB

Unit [dBμV]



TT
3

Tested by RFI for RED M.
Spec: FCC Part 15.109

EUT: 3000AS
Opcond: Receive Only.

GPH: 41715/04/04/014
ENG: PG



Date 06.Dec.'00 Time 11:24:57

Ref.Lvl 77.00 dBμV

Marker 16.95 dBμV

18.0000 GHz

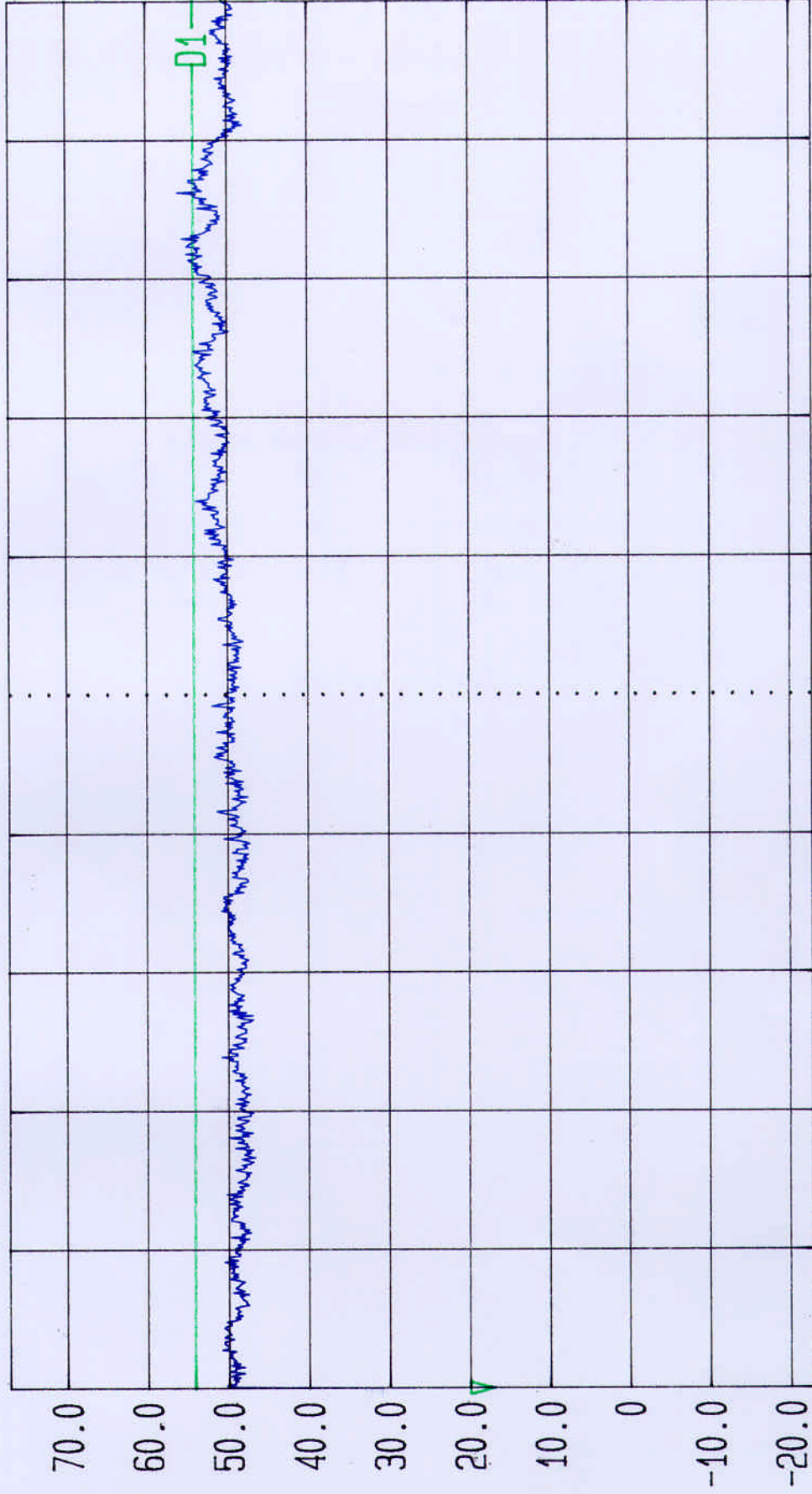
Res.Bw 100.0 kHz [3dB]

Vid.Bw 100 kHz

RF.Att 0 dB

Unit [dBμV]

CF.Stp 800.000 MHz



TT
3

Stop 26 GHz

Sweep 2.4 s

Center 22 GHz

Span 8 GHz

Start 18 GHz

GPH: 41715/04/04/015
ENG: PG

EUT: 3000AS
Opcond: Receive Only.

Tested by RFI for RED M.
Spec: FCC Part 15.109



Date 06.Dec.'00 Time 11:50:28

Ref.Lvl Marker

77.00 dBμV

46.81 dBμV

2.0000 GHz

Res.Bw

1.0 MHz [3dB]

Vid.Bw

1 MHz

CF.Stp

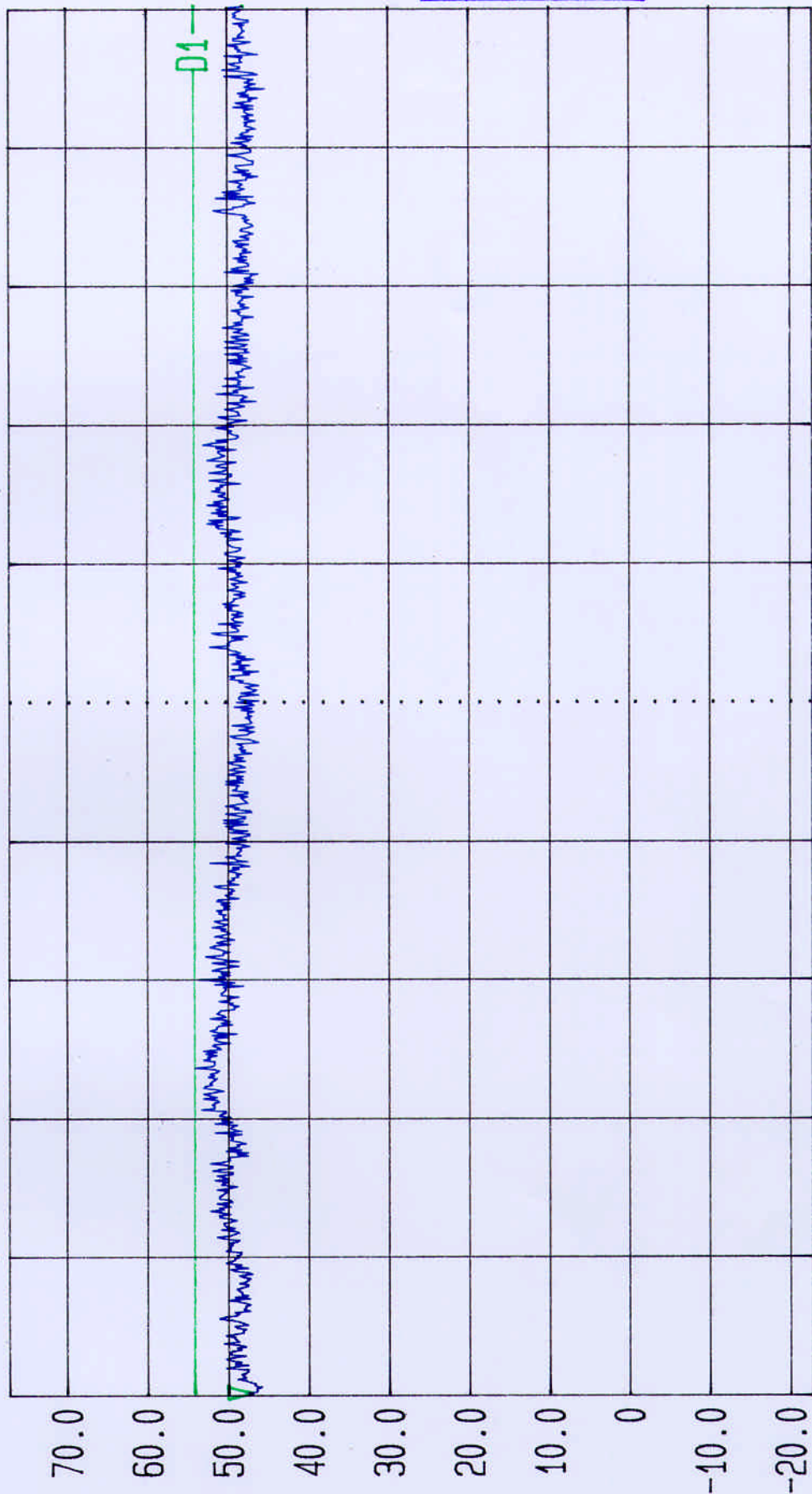
200.000 MHz

RF.Att

0 dB

Unit

[dBμV]



TT
3

Start
2 GHz

Span
2 GHz

Center
3 GHz

Sweep
20 ms

Stop
4 GHz

Tested by RFI for RED M.
Spec: FCC Part 15.109

EUT: 3000AS
Opcond: Receive Only.

GPH: 41715/04/04/016
ENG: PG



Date 06.Dec.'00 Time 11:55:55

Ref.Lvl 77.00 dBμV

Marker

55.24 dBμV

1.0722 GHz

Res.Bw

1.0 MHz [3dB]

Vid.Bw

1 MHz

CF.Stp

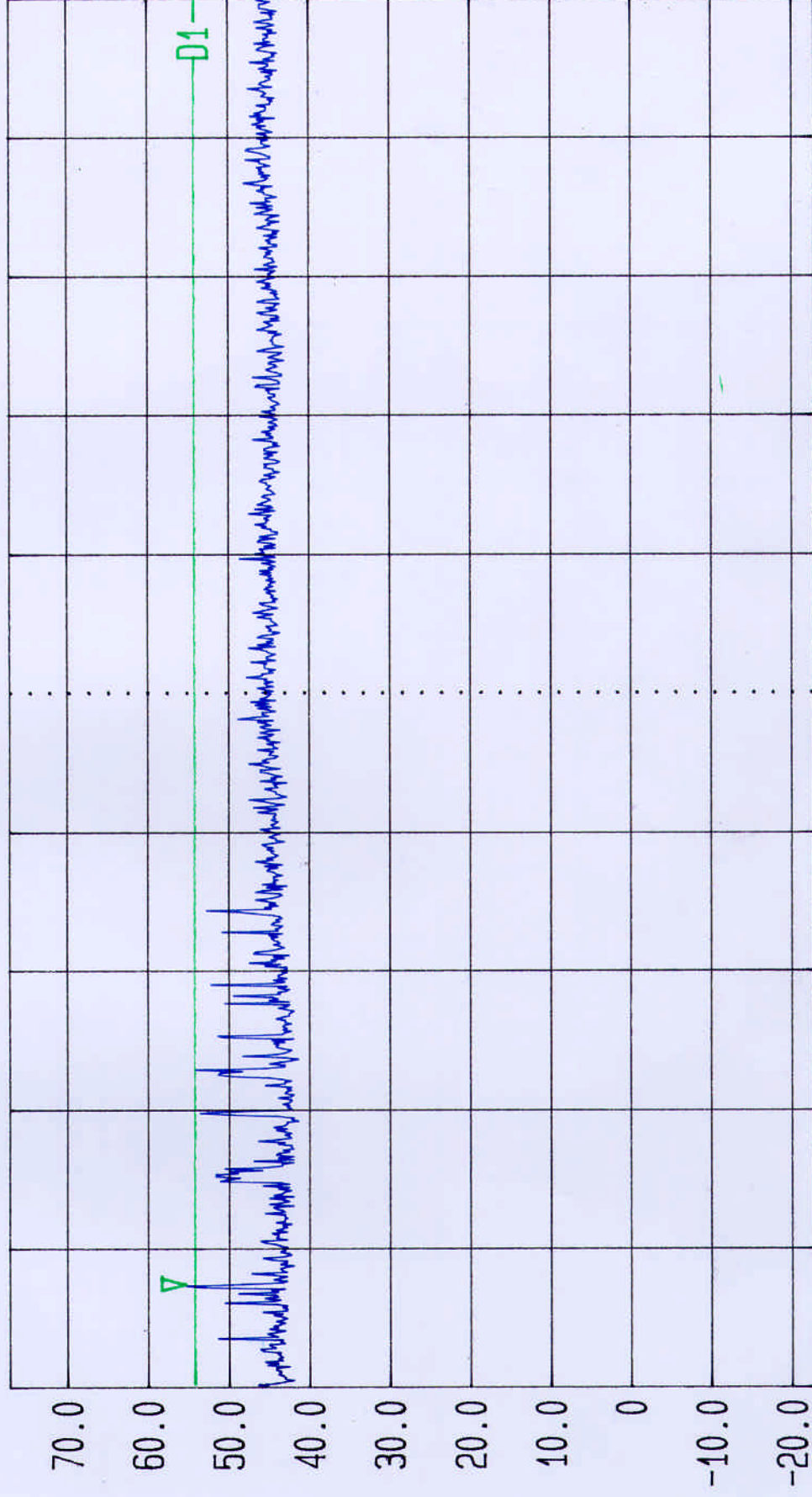
100.000 MHz

RF.Att

0 dB

Unit

[dBμV]



TT
3

Start
1 GHz

Span
1 GHz

Center
1.5 GHz

Sweep
20 ms

Stop
2 GHz

Tested by RFI for RED M.
Spec: FCC Part 15.109

EUT: 3000AS
Opcond: Receive Only.

GPH: 41715/04/04/017
ENG: PG